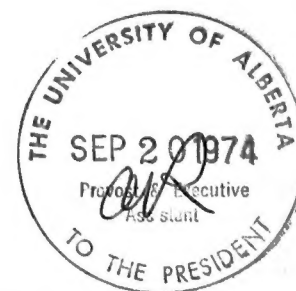


# FOLIO



THE UNIVERSITY OF ALBERTA STAFF BULLETIN



EDMONTON ALBERTA

SEPTEMBER 19, 1974

## Installation Addresses

*The following addresses were delivered September 18 at a special ceremony for the Installation of R.N. DALBY (right) as Chancellor and H.E. GUNNING (left) as President and Vice-Chancellor of the University.*

### **RON DALBY CHANCELLOR**

Some months ago I received a telephone call asking if I would permit my name to go before the Selection Committee having the responsibility to find a new Chancellor for The University of Alberta. I felt honored that even one person would feel I would be a suitable candidate for this position. My association with the University to that point in time was four years as a student, where I discovered many new worlds of interest. I learned of discipline and became exposed to an exciting environment of challenge and learning. Some years later there followed an exposure to this University arising out of the outstanding relationship that exists between the Association of Professional Engineers, Geologists, and Geophysicists of Alberta and the engineering faculty of The University of Alberta, and a more current interest as a father who has two sons attending this University.

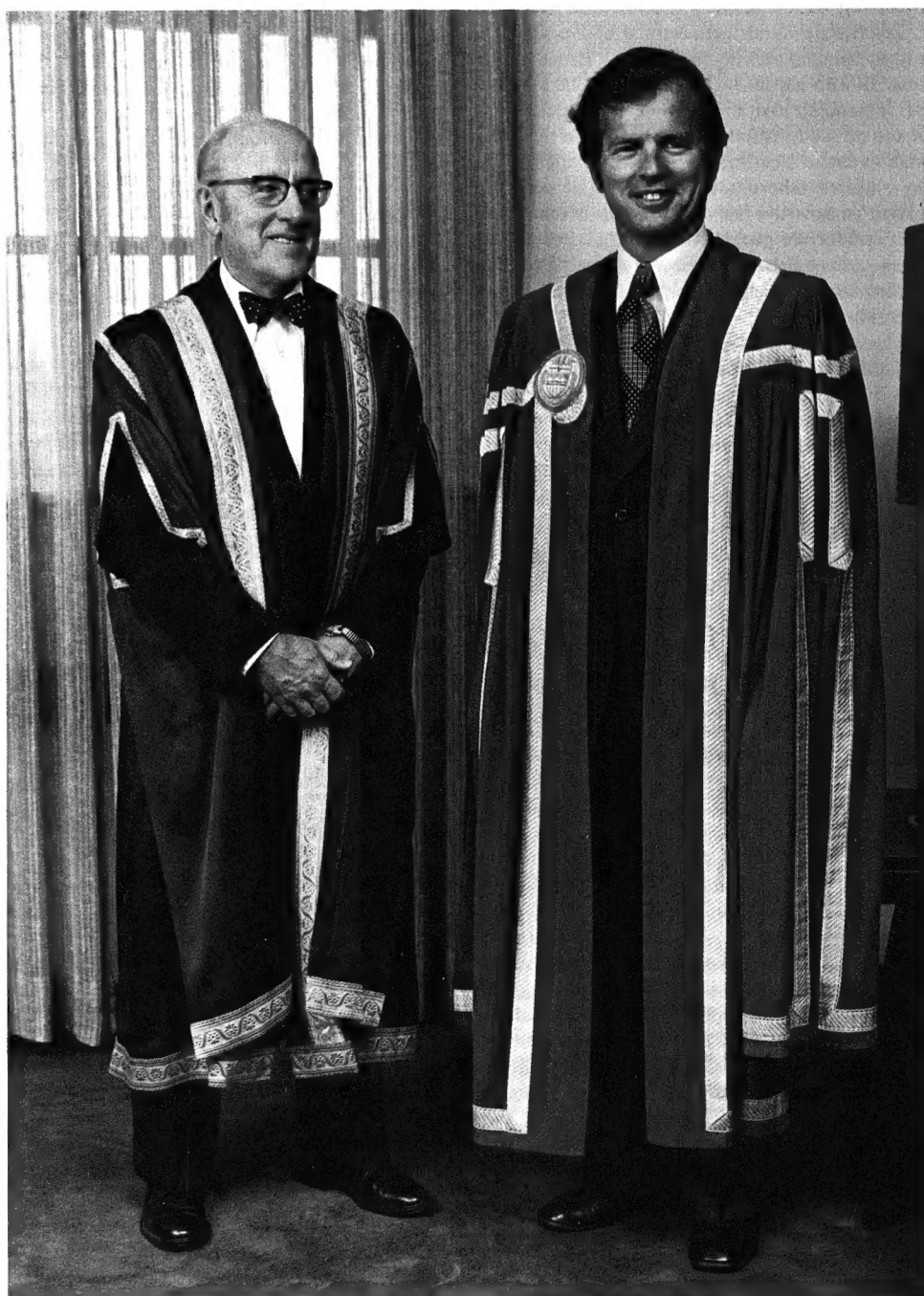
I am deeply honored to have been selected to serve as Chancellor of this great University and thank the Senate for placing this level of trust in me.

During the past few months I have attempted to prepare myself for this new responsibility by learning about the role of the Senate and the challenges, opportunities, and concerns of this institution. I have met with a broad cross-section of those involved with the University—students, members of the academic staff, Board of Governors, Senate, University Administration—and have been most impressed with the dedication, the leadership, and the strong commitment of those serving this University.

In my brief remarks this evening I would like to share with you certain objectives I have set for myself as Chancellor of The University of Alberta:

#### **The Senate**

I will have a close association over the next four years with the members of the Senate.



FORREST BARD

The Senate serves as a point of access where any concern about the University will be listened to and acted upon as is appropriate. I have been most impressed with the dedication of the members of the Senate—their level of commitment and the work that has been carried out by the Senate and the Senate task forces. I wish to give special recognition to a very major contribution made by Louis Desrochers who gave strong leadership in reactivating the Senate of The University of Alberta, and to Bill Thorsell who served so effectively as the Senate's executive officer.

The Senate stands between the University and the public, seeking to stimulate issues of concern into aid in their resolution. The Senate has a standing invitation to interested members of the public to utilize the Senate when they wish to make a contact with the University and do not know where to turn. The Senate seeks advice on how the University might better meet the needs of the people it serves. The Senate is not a protagonist on issues, its role being to deal in terms of perceptions and to focus attention on issues.

I look forward to working with the members of the Senate, focusing particular attention on how Senate members can be better equipped to play an even more effective role in building bridges between the University and the people it serves.

#### **University and Government**

There is a feeling within the University community that government is trying to gain a measure of control over the University which would interfere with the University's independence, its ability to seek truth and to share knowledge.

The government's role of accountability to the public requires an honest commitment to

effective communication between government and the University.

Toward this end I would like to see representatives of the University and government meet in an environment of mutual respect to discuss openly University and government needs and how we can develop a basis of effective communications between University and government. As Chancellor of this University I will work toward, and place high priority on, such effective communications.

I will also give my full support to the University's right to pursue truth, to take positions that may not be popular with government or others, to provoke and to challenge, and I will encourage those within the University community to take a more deliberate role in enquiring into major public issues.

I would hope that in the months ahead we will see the provincial government clearly setting out what it expects of The University of Alberta and from other post-secondary institutions serving the people of this province, and would hope the government would encourage constructive comment and criticism on its objectives and its programs.

#### **Understanding the University**

As Chancellor and a member of the Senate representing the public interest, I will encourage effective leadership in Alberta through the University taking a strong position in the development of effective research programs. Coupled with this is a need for recognition within the University that the public it serves does not understand the value of basic research. The public must become more aware of how a commitment to basic research: is essential if our University is to be competitive in attracting academic leadership; is essential if this University is to provide a stimulating and exciting environment for learning; is essential for maximum economic and cultural benefits in developing the potential of our natural resources and our human resources.

#### **Student Identification**

In talking with students I have found lacking in certain areas a sense of belonging and identification with the University. I hope as Chancellor I can work with the student body to find how we can provide for greater student identification with the University and how we can provide the student with a more stimulating experience and opportunity for personal growth.

#### **Investment in Alberta's Human Resources**

Some months ago I read a newspaper article having the title "Human Brain Is the Best Investment for Alberta Wealth." This article pointed out that investment in education is

probably more advantageous than investment even in industrial and economic development and I quote:

This is because the human brain, the human mind, and the human imagination are the most miraculous and plentiful tools and resources in existence. Yet most of the marvellous tools and resources are hardly developed or exploited beyond a tiny fraction of their potential. And these incredibly delicate and powerful tools and resources can serve our economic and physical needs, as well as our cultural and spiritual needs.

Physical resources may become depleted to exhaustion. And industrial plant and equipment may wear out or become obsolete or inadequate. But the creativity of brain and mind and imagination may rescue us from difficulty or impoverishment by devising new processes and conceiving and unleashing new wealth and power. Furthermore, the creativity of brain and mind and imagination can make significant, with satisfactions and challenge, the living that economic activity is intended merely to subserve. Education—especially university education—is a principal means of assisting the brains, minds and imaginations of our millions of citizens to approach more nearly to their full potential. Education can help release the power more devastating than the power of nuclear fission: the power of human mind and spirit—that, as yet, we have hardly begun to tap.

In conclusion, I wish to recognize a few people who are largely responsible for my being given the honor of serving as Chancellor of The University of Alberta: Professor Stew Kennedy who startled me one day when he suggested that he would like to see me serve as Chancellor of The University of Alberta; Dennis Yorath who over the years has challenged me, supported me, and encouraged me to become involved in new areas of discovery; my father, who is with us this evening—a man with little formal education but who encouraged his children to seek knowledge, to obtain a university education as a route to a more exciting and fulfilling life experience; the members of my family who have provided enthusiastic support to my serving as Chancellor of The University of Alberta; and my wife, Elsie, who gives me tremendous support, encouragement, and a great deal of understanding.

There were three stonemasons who were asked what they were doing. The first replied "I am making a living," the second "I am doing the best job of stonemasonry in the country," the third "I am building a cathedral."

# FOLIO

#### **THE UNIVERSITY OF ALBERTA, EDMONTON, ALBERTA**

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Marcy Davies, Editor

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When we are asked what are we doing, we may reply we are running a university or we are running the best university in the country or, as the stonemason who is building a cathedral, we at this University are helping to build a better world.

And in four years from now I hope that I will be able to say, as outgoing Chancellor of The University of Alberta, that I made some small contribution toward helping this University to build a better world.

#### **HARRY GUNNING PRESIDENT AND VICE-CHANCELLOR**

Eminent Chancellor: Life is in many ways an unending search for something to believe in—something which will retain its pristine beauty and appeal even under constant attack from the acids of our cynicism and disillusionment. I believe in The University of Alberta, and I am both honored and humbled to have been chosen its President. For this task I would wish myself the warmth and insightfulness of a Walter Johns, the penetrating wisdom of a Max Wyman, and the ego-involving concern of a Louis Desrochers, but alas I must be content with much smaller merits.

It is said that we die with only a small fraction of our brain explored, and very few of our abilities completely utilized. I would like to assure you tonight that I will reach into myself and bring all of my limited intellectual resources to bear upon the many problems which will face me as Chief Executive Officer of this great University.

In the seventeen years that I have been associated with the University as Chairman of its Chemistry Department, I have watched it grow from a small institution, struggling desperately to break the chains of parochialism, into a major intellectual centre of international stature. And it is not accidental that very similar words could be used to describe the growth of our Province of Alberta over this same period. The fact is that our University is an inalienable part of the pacemaker of growth for the Province of Alberta and we intend to make our influence increasingly felt in this area.

Much has been said and written about the many new challenges which face our universities today. Certainly we can no longer consider it true that higher education and creative scholarship are regarded with any unquestioning reverence. And this of course is but an example of how we have laid waste the past to the extent that we no longer possess even a small group of commonly-held values on which to build new value systems through experience.

Today we are again in an era of accountability, and our universities will thrive only if

they are capable of demonstrating unequivocally that they are essential to those who are called upon to support them. To me this constitutes a challenge which I will take up with great enthusiasm on behalf of The University of Alberta.

In this position, as with other positions which I have had in the past, I find I cannot operate effectively without defining objectives. They focus my energy and provide at least a crude yardstick by which to measure accomplishment. I have therefore put a great deal of thought into what I would like to see done during my tenure as President. I find that I can state my goals with disarming simplicity; I want The University of Alberta to become increasingly meaningful to all those whom the University serves. This is obviously a very complex multi-faceted objective which to fully understand requires a deep knowledge of universities and the many publics with which they can productively interact. Perhaps The University of Alberta cannot be all things to all people. But it certainly can be more things to more people. Among those groups for whom I would like to see the University become increasingly important, I would include our students and our alumni, the academic and non-academic staff of our University, the government that directly supports us, and the many publics with whom association would be mutually beneficial.

The basic structural units of a university are not its faculties, but its academic departments, which are so to speak the terminals through which the university links itself on a world-wide basis to the vast knowledge-gathering systems represented by the various intellectual disciplines of the departments. Thus a university mathematician will primarily identify with that international branch of mathematics through which he makes his research contributions. To do significant academic research, which is recognized as significant by the specialists in one's research field throughout the world, requires a high level of creativity, possessed by only a very small fraction of mankind. Since good universities tend to concentrate both knowledge and creativity in their professional staff, such institutions clearly represent a major intellectual resource for the community which supports them. For this resource to serve the community effectively there are many barriers of communication which must be broken down and, in addition, new mechanisms for effective interaction must be created. For this process to become operative, those supporting the University must be made aware of the specific nature of this vast reservoir of specialized knowledge, and how it can be used to benefit the people of this province. The

social rewards from such understanding can potentially be very great, since a major university such as ours represents a vast spectrum of human knowledge; and, conversely, our University can only expect to receive the proper level of enlightened public support when its many publics are fully aware of what we can offer and are truly in sympathy with our institutional goals.

Obviously the type of constructive communication which I am describing is a complex process which must proceed on many fronts and at many levels. You have heard Chancellor Dalby describe the outstanding work our Senate is doing in building bridges of true communication between the University and the public. To me our Senate represents a major thrust in the realization of the broad objective which I have stated: namely, to make the University more meaningful to the public it serves. And therefore I will do everything in my power to provide support and encouragement for the valuable work of this vital part of our institution.

What I have said about the work of our Senate applies equally well to our alumni and their association. I will work towards providing the environment in which our alumni can increasingly find identification with The University of Alberta. I will be both sensitive and responsive to the needs of our alumni, since this is one of our publics which I am particularly anxious to serve, representing as they do our emissaries in the community at large.

Another important area of potentially beneficial interaction lies in the field of university-government relations. Obviously such interactions can take many forms. For example, I want to make our government fully aware of the various types of expertise which we have on our campus, and I would like to see the University increasingly dedicated to working with our government in achieving the many social goals which would benefit the people of this province. In addition I am looking forward to a very constructive relationship with our Department of Advanced Education. In my view what we need to define for our government are specific objectives within the University with which the government can politically and socially identify. In short I would like to be able to provide to the government answers to the question: What are we getting for the money we invest in the University? In dealing with the government I will attempt to put myself in their position and understand the problems that they have in supporting the University; in turn I am confident that the Department of Advanced Education and the government in general will treat us with similar consideration.

I am firmly convinced that much of the public disenchantment with universities arises from the fact that we have tended to become too highly discipline-centred, consumed almost exclusively with our individual academic ambitions and other purely institutional affairs, all of which has left us with little time to establish constructive relations with the public which we purport to serve.

I would like to see the University move outward to acquaint the public with our total problem-solving capabilities. Among other things I would hope to promote the development at The University of Alberta of an Institute for Public Policy at which major public issues can be debated objectively and insightfully; and in general I would like to say to the public with conviction: This is your University and we want you to be a part of it.

One of my special concerns is that the University become more meaningful to our students. To this end I will encourage the development of new methods for providing more effective learning environments, both at the graduate and undergraduate levels. And what is equally important, I will encourage an increasing amount of thought being given to organizational changes within the University which will assist in establishing less depersonalizing relations between the institution and each student. Certainly one of the major sources of student dissatisfaction with universities stems from a seeming loss of identity too often associated with large complex organizations.

To carry out the composite objective which I have described tonight will obviously require the assistance and co-operation of many people. I am particularly pleased and encouraged by the quality of the people with whom I will be working in the President's Office. I have a superb team of vice-presidents and presidential assistants, and it is largely due to their effectiveness that I am so optimistic about the future. In addition we are privileged to have at the University so many outstanding staff members that it would be difficult not to feel both pride and confidence in the future of this University. I may well fail to achieve all that I would like; but I certainly will not fail to do my best.

I see the Province of Alberta moving into a new era of political and social maturity and I would like to assure both the government and the people of this province that we at the University look forward to doing our part in making this province a stimulating place in which to live and a place in which every Albertan can realize his full potential. In this connection I am particularly pleased that our Premier will honor us by speaking tonight on what lies ahead for Alberta.

Thank you very much.

## POLICY ESTABLISHED FOR PROJECTS FUND

The Department of Advanced Education has established policy and procedures for applying for grants from the Innovative Projects Fund.

The Fund will provide support for projects which demonstrate a potential for improving the quality of advanced education by improving the teaching-learning process. Acceptable projects would be those that explore alternative and innovative modes of organization, instruction and delivery. Efforts should be made to co-ordinate the projects with the activities engendered by other policies of Advanced Education, other government departments, and ACCESS. Projects should utilize existing resources to the furthest extent practicable, should contribute significant benefit within the scope of their operation, and should have the potential for system-wide diffusion.

The Fund will apply to projects undertaken by groups or individuals having institutional approval and focussing on credit and non-credit programs. Costs financed by the Fund should be of a term certain.

Project proposals should include the following information:

1. title and brief synopsis of the project;
2. a rationale which identifies the need for and the anticipated outcomes of the project as they relate to the Innovative Projects Fund guidelines;
3. the project design including a description of:
  - (a) the planning stages undergone to prepare for the project;
  - (b) the method and procedures to be followed;
  - (c) the feedback mechanisms to be used to ensure adaptability;
  - (d) evaluation procedures;
  - (e) the communication techniques that will be employed to relay the results;
  - (f) the time frame to be followed; and
  - (g) subsequent plans if the project is successful;
4. identification of personnel who might be called upon to perform an external review of the project;
5. an itemized budget for the project including the costs to be borne by the institution or agency as well as the amount requested from the Innovative Projects Fund.

Proposals should be submitted to the Assistant Deputy Minister, Program Services, Department of Advanced Education. Those requiring financing in excess of \$20,000 from the Fund should be submitted at least six months prior to the proposed implementation date.

Additional information may be obtained from D. G. CRAWFORD, Department of Advanced Education.

## CORRECTION

The minutes of the non-confidential portions of future Board of Governors meetings will be available in the Reference Room in Rutherford North, and not in Cameron Library as stated in the September 12 issue of FOLIO. Staff and students are reminded that the Reference Room was moved to Rutherford North last summer.

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## PEOPLE

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■ NAOMI HERSOM, Associate Professor of Elementary Education, addressed the International Convention of the Delta Kappa Gamma Society in Seattle recently. Delegates from six countries attended the conference.

■ MYER HOROWITZ, Dean of Education, recently visited the Université de Québec à Montréal for the Conference of Rectors and Principals of Quebec Universities to assist in evaluating a proposal for a graduate program leading to the MEd degree.

■ METRO GULUTSAN, Associate Professor of Educational Psychology, chaired a session at the Banff '74 International Conference of East European, Soviet, and Slavic Specialists. This conference was arranged by the American Association for the Advancement of Slavic Studies, the British Universities Association of Slavists, the British National Association for Soviet and East European Studies, and the Canadian Association of Slavists. The Inter-University Council for academic exchanges with East European countries and the USSR, on which Dr. Gulutsan serves as vice-chairman, held a meeting during the conference.

■ MURRAY SMITH, Associate Professor of Physical Education, presented a paper at the Second International Symposium on Biomechanics in Swimming. The symposium was held in Brussels, Belgium.

■ LESZEK A. KOSINSKI, Professor of Geography, was invited as a special guest to a demographic conference held in Rio de Janeiro, Brazil. He chaired two sessions at the meeting.

■ Four charter members of the newly-formed Canadian Population Society participated in the first meeting of this organization in Toronto. They included L.A. KOSINSKI of the Department of Geography and J. HORN, A. KAYANI, and P. KRISHNAN of the Department of Sociology.

■ ROBERT L. BUSCH, Assistant Professor of Slavic Languages, presented a paper to a panel at the Banff '74 International Conference of Slavists and GUNTER SCHAARSCHMIDT, Professor of Slavic Languages, chaired a panel.

■ A.L. DARLING, Assistant Registrar, has been appointed Registrar of McMaster University in Hamilton, Ontario. He will take up the new position October 1, 1974.

■ The Board of Directors of Théâtre Français d'Edmonton has announced that FATHER JEAN FORTIER, Assistant Professor of Classics at Collège Universitaire Saint-Jean, will be Artistic Director of the Théâtre for the 1974-75 season. His appointment became effective in August following the resignation of Mrs. France Levasseur-Ouimet. Professor Fortier has taught at Collège for 20 years and is no stranger to the art of drama. He has directed numerous plays and has taught a course in classic theatre. The Théâtre will announce its program of plays shortly and the first presentation will take place October 11.

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## VISITORS

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- Speakers at recent seminars in the Department of Physics were FRANCOIS LEHAR, University of Montreal, and N. MARCH, Imperial College of Science and Technology, United Kingdom.
- KEN THOMPSON, Bell Telephone Laboratories, Murray Hill, spoke at a colloquium in the Department of Computing Science.

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## NOTICES

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**SPEAKERS ANNOUNCED FOR MOUSSEAU LECTURE AND ANNUAL SEMINAR**  
The twelfth annual Dr. L.P. Mousseau Lecture, sponsored by the medical staff of the Edmonton General Hospital, will be given at 8:30 p.m. Wednesday, October 16 in Lecture Theatre TL 11, Henry Marshall Tory Building.  
This year's guest speaker is WERNER U. SPITZ, Chief Medical Examiner of Wayne County, Detroit and Associate Professor of Pathology at Wayne State University. His topic will be "New concepts in the medicolegal investigation of death."

The Mousseau lectures, held each year in memory of the late Dr. L.P. Mousseau who spent almost 30 years on staff at the Edmonton General, are open to the public.

The fifth annual General Practice Seminar begins the next day, Thursday, October 17 at 8:15 a.m. in the auditorium of the Edmonton General Hospital. The theme will be "Obesity and hyperlipidemias," and the guest speakers will be ZAK I. SABRY, President of Nutrition Research Consultants Limited, Toronto; SIMON J.K. LEE, Associate Professor of Medicine, University of Alberta; KEITH WALKER, Department of Clinical Pathology, University of Alberta; and MRS. ETHEL MARLISS, CBC Commentator, Edmonton. J. ALLEN FORBES, Professor of Art and Design, University of Alberta, will be guest speaker at the banquet

on Friday, October 18 at the Royal Glenora Club.

Registration forms for the seminar may be obtained from E.E. BAKO, MD, General Practice Seminar Committee, Edmonton General Hospital, 11111 Jasper Avenue, Edmonton, Alberta T5K 1L4.

### NOON HOUR FILM SERIES

The 13-film *Civilisation* series by Kenneth Clarke will be shown during the noon hour in the Audiovisual Centre of the Humanities Centre, beginning September 23 and continuing through March 14, 1975. The timing is intended to follow English 200 requirements but students from any course, and staff, are welcome. The films are in color and run for 50 minutes.

Details of the series will appear regularly in "This Week and Next."

### SPECIAL GFC MEETING POSTPONED

The special meeting of General Faculties Council to discuss University legislation, which was to have been held September 23, has been postponed. It will now take place October 30 at 2 p.m. in the Council Chamber, University Hall.

### VISITOR PARKING

Staff members are reminded that advance parking arrangements should be made with the Parking Office for persons invited to the University as guest speakers or for other purposes related to departmental functions. This co-operation is necessary so that such persons may park their vehicles on the campus in accordance with the Traffic and Parking Regulations of the University.

### LEGAL ASSISTANCE ON PLANNING AND ZONING MATTERS

As part of a credit course on Land Use Planning, the instructor wishes to assign a few third-year Law students to community and other citizen groups who have a planning problem with legal content. This would be done with a view to giving the students some first hand experience in the field and at the same time rendering assistance to the community.

Anyone involved in or knowing of an organization that could use this kind of help is asked to contact FREDERICK A. LAUX, Faculty of Law, telephone 432-5539.

### EXTENSION COURSES

"Management of personal finances" will be a 12-session course intended to help people manage their income to their best advantage. Classes will begin September 24 with class hours from 7:30 to 9:30 p.m. The instructor is ROB GAWRELUCK; the registration fee is \$40.

"Management and the new manager" is an intensive two-day course to be held September 26 and 27 for recently-appointed managers.

It will emphasize organizational parameters, planning and management, performance analysis, and levels of management. The instructors are WILLIAM A. PRESHING, Director of Institutional Research and Planning, and CHARLES M. LOCKWOOD, Acting Director of the Department of Extension. Class hours are 8:45 a.m. to 4 p.m. each day; the registration fee is \$70 including textbook, materials, and lunch.

"Economic analysis for better investment decisions" is a three-day course to be held September 25 through 27 and will be particularly useful to individuals interested or involved in evaluating alternatives associated with equipment selection; lease *versus* buy decisions; effects of income tax considerations on investment analysis; and the benefit cost analysis approach to investment decisions. The instructors are J.C. SPRAGUE, Associate Professor of Mechanical Engineering, and VIRGIL NELSON, Budget and Research Department, City of Edmonton. Class hours are 9 a.m. to 4:30 p.m. each day; the registration fee of \$100 includes textbook, materials, and lunch.

Details of the above courses may be obtained from the Department of Extension, Corbett Hall, telephone 432-5067 during the day or 432-3116 after office hours.

### SPECIAL ENGLISH COURSES AVAILABLE

Courses in English as a second language, offered through the Department of Extension, will begin during the week of September 30.

Classes are available at five levels with special emphasis on conversational and written English at intermediate and advanced levels. Special courses in Pronunciation and Technical Report Writing also are available.

Most of the courses are 10-week evening courses of 40 hours duration.

All students taking courses in the English Language Program must take a placement test. Tests will be given in Corbett Hall on Saturday, September 21 at 9:30 a.m. and Tuesday, September 24 at 7 p.m. Each test lasts about two hours. The fee for testing is \$3.

For further information, please telephone 432-1497 during the day or 432-3116 after office hours.

### SENATE MEETING PLANNED

The University Senate will meet Friday, September 27 at 9:30 a.m. in the Assembly Room, Jubilee Auditorium. The agenda will include reports on the University Centre, the conferring of an honorary degree at Fall Convocation, the Library Acquisition Fund, The Universities Act review, quotas, and the future of the University Extension function.

### CHILDREN NEEDED FOR MUSIC PROGRAMS

University staff with children in Grade VII are invited to apply on their behalf for



# october 1974

September 1974

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November 1974

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December 1974

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sunday  
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saturday  
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**19**

**26**

■ Thanksgiving Day. University buildings closed.

■ To 25 October, Friday. Mid-term Test Week. Off-campus University organized extra-curricular activities will not normally be allowed during this week.

■ Last day for dropping first term courses or changing from "credit" to "audit" or "audit" to "credit" in first term courses in the Faculty of Graduate Studies and Research.  
■ 2 p.m. Meeting of General Faculties Council.

■ 4:45 p.m. Meeting of departmental representatives of the Non-Academic Staff Association.  
■ 7:30 p.m. Meeting of the Council of the Graduate Students' Association.

■ Registrations of undergraduate students who have not paid at least the first instalment of their fees by this date will be subject to cancellation. (See regulations—§ 15.2.)  
■ 7:30 p.m. Meeting of the Council on Student Affairs.

■ 2 p.m. Meeting of the Nominating Committee of the General Faculties Council.

■ 2:30 p.m. Meeting of the Deans' Council.

■ 2 p.m. Meeting of General Faculties Council to discuss University Affairs.

■ 9 a.m. Meeting of the Academic Development Committee.

■ 9 a.m. Meeting of the Academic Development Committee.  
■ 2 p.m. Meeting of the University Planning Committee.

■ Last day for withdrawing from first term courses in the Faculty of Business Administration and Commerce.  
■ 9 a.m. Meeting of the Academic Development Committee.

■ 9 a.m. Meeting of the Academic Development Committee.  
■ 2 p.m. Meeting of the University Planning Committee.

■ Last day for withdrawal from courses in Dental Hygiene.  
■ 9 a.m. Meeting of the Academic Development Committee.

■ Last day for submission of unbound theses to the Faculty of Graduate Studies and Research to ensure graduation at Fall Convocation.  
■ 9 a.m. Meeting of the Board of Governors.

■ 2 p.m. Meeting of the Council on Graduate Studies and Research.

instruction in the programs being offered during 1974-75 by the Music Education Laboratory (MELAB). The children will form a band and a beginning string orchestra; no musical experience is required. The annual fee (\$20) includes the use of an instrument during the first year. For further information telephone 432-3680 or 439-2415, or write to ALAN SMITH, Professor, Department of Secondary Education.

#### **GFC SELECTION COMMITTEE SEEKS NOMINATIONS**

The Nominating Committee of General Faculties Council is seeking nominations for one member to be elected by General Faculties Council to serve on the Selection Committee for the Dean of the Faculty of Agriculture and Forestry. Regulations governing the composition of selection committees for deans require that one member, not a member of the faculty concerned, be elected by General Faculties Council.

Those who have suggestions for nominations or who are interested in serving on the above committee are requested to contact the Secretary of the Nominating Committee, MRS. P. CAMPBELL, 2-1 University Hall, phone 432-4965.

#### **REMOTE SENSING CENTRE OPENS IN EDMONTON**

Alberta now has a Remote Sensing Centre (10405 100 Avenue, 429-7515), and many of the facilities and services available may be of interest to the University community. Some of the interpretation equipment is not found elsewhere in the province, and all equipment can be used cost free by anyone. Among the machines which can be used are: (1) a spatial data systems model 703 Datacolor System—a 32 color density slicer, of which there are only two in Canada. Users wishing hard copy of the color TV display (of grey tones on an original image) must supply Polaroid or 35 mm. film, but cameras are available. The slicer also indicates percentages of any color or combination of colors of the total area of the original image; (2) a Jena-Zeiss 15x zoom stereoscopic two interpreter unit; (3) a Richards master interpretation module, for direct simultaneous viewing of film rolls; and (4) a Bausch and Lomb zoom transfer scope.

Time and equipment must be booked in advance at the Centre, which will be open evenings and weekends on request. The Centre will shortly obtain ERTS satellite imagery of all Canada within a few days of each 18-day orbital pass. This "quicklook" imagery can then be examined for cloud cover, etc., before higher quality images are ordered from Ottawa. The "quicklook" and ERTS ordering service will also travel to other areas in Alberta on a monthly schedule.

Anyone interested in further information, or in using the Centre, should either contact M.C. BROWN, Associate Professor of Geography, 432-4421; or phone the Centre directly.

#### **SCIENCE JOURNALISM AWARD**

Each year, the Ministry of State for Science and Technology sponsors an award honoring an outstanding individual contribution, through the print medium, to science journalism in Canada. The award is intended to encourage better science writing and the extension of the general knowledge of science and technology.

The award program, although financed by the Ministry, is administered by the Canadian Science Writers' Association which has sole responsibility for the selection of three independent judges.

The award of \$1,000 and scroll is open to any writer, resident in Canada and writing on any field of science and technology, whose entry has been published in a Canadian print medium during the preceding 12 months. Each applicant may submit either three separate articles or one series of articles on a single subject.

To be considered, three copies of each entry must be submitted in the form of a clipping pasted on one side of letter size paper with the date and the source of publication clearly indicated. Similarly-mounted photostats will be acceptable provided they are legible. Entries should be accompanied by details of name, address, employer/freelance, signature, and date.

Entries should be addressed to: The Secretary-Treasurer, Canadian Science Writers' Association, PO Box 1406, Station B, Ottawa, Ontario K1P 5R4.

#### **GEOGRAPHICAL SOCIETY PLANS FIELD TRIP**

The Alberta Geographical Society will sponsor a field trip to the Alcomdale Hutterite Colony near Morinville Saturday, September 28. Participants will leave from the Saskatchewan Drive entrance of the Tory Building at 8 a.m. Transportation will be by private automobiles with rides shared. The cost will be 75 cents, or \$3 for a one-year membership.

Everyone is welcome, but the organizers would like to know in advance how many people to expect. Telephone 432-4760 (days) or 488-6143 (evenings).

#### **'WE CAN CHANGE'**

An evening course entitled "We can change" is being offered at St. Stephen's College beginning Wednesday, September 25. Classes will run until October 30 and will be held between 8 and 10 p.m.

At 8 p.m. each week the REV. ROBERT VAUGHAN will conduct a study of the *Epistles to the Corinthians* in "A Biblical base for

changing values." At 9 p.m. there is a choice of classes—"A fresh look at marriage" conducted by MRS. CAROLYN MOSSMAN and other resource persons, or "Congregational life styles in 1974" conducted by the REV. WILLIAM BEACH. Fees are \$15 for a single person, \$25 for a couple. Financial assistance is available from the Conference Leadership Development Committee.

Further information and registration forms may be obtained by calling 479-7311.

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## **THIS WEEK AND NEXT**

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*Listings must reach the Editor by 9 a.m. the Friday prior to publication. Written notification is preferred. Compiled by NORMA GUTTERIDGE, 432-4991.*

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### **19 SEPTEMBER, THURSDAY**

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#### **Graduate Students' Association**

Fall is an excellent time to branch out, to broaden your horizons, and to meet new people. One of the best places to do this is at the Graduate Students' Social Centre every Thursday evening, 8 p.m. to 12:30 a.m. The admission, including beer or wine, is only \$1.50. Food, conversation, dancing, games, and music are all available at the Grad House, 11039 Saskatchewan Drive.

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### **20 SEPTEMBER, FRIDAY**

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#### **Graduate Students' Association**

Get your weekends off to a flying start every Friday afternoon at the Grad House, 11039 Saskatchewan Drive. From 4 to 6 p.m., the Happy Hour features a wide spectrum of refreshments at rock bottom prices as well as Godfrey's legendary chili. For the dedicated grad student the hours from 9 p.m. to 12 midnight provide an opportunity to discuss or forget the week's activities.

#### **Faculty Club**

*Downstairs.* TGIF—Welcome Party. Scandinavian smorgasbord, glazed liver paté, Scandinavian appetizer tray, fish balls in parsley sauce, turkey and ham gelatine, brown beans, dilled potato salad, caraway cabbage toss, Swedish apple cake. All new faculty are invited to attend; non-members welcome. *Upstairs.* Fresh lobster, \$9. Also regular dinner menu.

#### **National Film Theatre**

7 p.m. *Antonioni: Documents et témoignages* (Italie/Canada, 1965), black and white, 58 minutes. French-language version.  
8 p.m. *Il Deserto Rosso/The Red Desert* (Italy, 1964), color, 116 minutes. Michaelangelo Antonioni with Monica Vitti, Richard

Caught up in the spirit of competition or enticed by the offer of free food, these students took part in the Freshman Introduction Week kobasa-eating contest at the temporary beer garden in the main quad.



RICHARD KERR

Harris, and Carlo Chionetti. A stunning color film about a neurotic woman's alienation from an ultramodern, dehumanized world.  
(Admission must be restricted to National Film Theatre members over 18 years of age.  
Membership cards will be available at the door for \$1.)

#### Student Cinema

And 21, 22 September, Saturday and Sunday.  
6 and 8:45 p.m. *Jesus Christ Superstar* plus a cartoon and a *Flash Gordon* serial. Students' Union Theatre. Advance ticket sales to Students' Union members only, \$1, available at the SUB Information Desk; \$1.50 at the door.

#### 21 SEPTEMBER, SATURDAY

##### Football

3 p.m. Golden Bears vs. the University of Saskatchewan Huskies. Varsity Stadium.

##### Faculty Club

Downstairs. Barbecue your own at the patio grill in the lower lounge.

Upstairs. Fresh lobster, \$9. Also regular dinner menu. Entertainment by The Fashionables.

##### Audubon Wildlife Film

8 p.m. *Small World*, Fran William Hall. Henry

Marshall Tory Building, TL-11. Tickets at the door. \$1.25 adults, 50 cents children.

#### 23 SEPTEMBER, MONDAY

##### 'Civilisation'

12 noon. And 24 September, Tuesday at 12:30 p.m. "Cluny to Chartres, Twelfth Century." L1 Audiovisual Centre, Humanities Centre.

##### World Adventure Tours

6 and 9 p.m. *Swinging Old London*. Jubilee Auditorium. Tickets from the Bay Box Office, 424-0121.

#### 24 SEPTEMBER, TUESDAY

##### Musical Play

8 p.m. And 25 September, Wednesday at 2:30 and 8 p.m. *Anne of Green Gables*. Jubilee Auditorium. Tickets from the Bay Box Office, 424-0121.

#### 26 SEPTEMBER, THURSDAY

##### 'Civilisation'

12:30 p.m. "Later Middle Ages in France and Italy." L1 Audiovisual Centre, Humanities Centre. The film will be repeated 27 September, Friday at 12 noon in L3 Audiovisual Centre.

#### Open Darts Championship

The first annual graduate students' open darts championship will be held at the Grad House, 11039 Saskatchewan Drive. To enter, apply at the Grad House during regular hours or contact the GSA office (432-1175) between 1 and 4 p.m. Entries close midnight, September 20. No entry fee.

#### Medieval and Renaissance Guild

8:15 p.m. "Oriental rugs in medieval and renaissance art: western evidence of an eastern art" by NICHOLAS WICKENDEN, Associate Professor of History. 14-14 Henry Marshall Tory Building. Visitors welcome; discussion and coffee.

#### 27 SEPTEMBER, FRIDAY

##### Faculty Club

Downstairs. TGIF—Mexican Fiesta. Empanadas, frijoles fritos (refried beans), salsa fria, Mexican salad bowl, hot corn bread, date custard pie.

Upstairs. Regular menu served 6 to 10 p.m.

##### Student Cinema

And 28 September, Saturday. 6 and 8:45 p.m. *Scarecrow* plus a cartoon and a *Flash Gordon*



serial. Students' Union Theatre. Advance ticket sales to Students' Union members only, \$1, available at SUB Information Desk; \$1.50 at the door.

#### Ballet

6 and 9 p.m. DAME MARGOT FONTEYN dances. Jubilee Auditorium. Tickets from the Bay Box Office, 424-0121.

#### National Film Theatre

8 p.m. *Hiroko Ikoko* (National Film Board, Canada, 1970), color, 20 minutes. *Buraikan/The Scandalous Adventures of Buraikan* (Japan, 1970), color, Japanese with English subtitles, 104 minutes. Depicts village life in mid-19th century Japan. Centennial Library Theatre. (See 20 September, Friday for admission information.)

### 28 SEPTEMBER, SATURDAY

#### Panda Field Hockey

*And 29 September, Sunday.* All day. The University of Alberta Invitational. Lister Hall Field.

#### Football

2 p.m. Golden Bears vs. the University of British Columbia Thunderbirds. Varsity Stadium.

#### Faculty Club

*Downstairs.* Barbecue your own at the patio grill.

*Upstairs.* Regular dinner menu. Entertainment by The Fashionables.

#### Edmonton Symphony Orchestra

8:30 p.m. *And 29 September, Sunday at 2:30 p.m.* Conductor: PIERRE HETU; guest artist: RONALD TURINI, pianist. Program includes Overture to "La Forza del destino," Verdi; Piano Concerto no. 2, Rachmaninoff; Symphony no. 3 ("Organ"), Saint-Saens. Jubilee Auditorium.

### EXHIBITIONS

#### Edmonton Art Gallery

*Until 1 October.* A joint exhibition of graphics by Edmonton printmakers ROGER SILVESTER and WALTER JULE.

*Until 15 October.* "For an independent Hairy Hill," by NORMAN and WHYNONA YATES, ROBERT CARMICHAEL, SYLVAIN VOYER, and HARRY SAVAGE.

*Until 31 October.* "Sculpture in steel," the first exhibition of its kind anywhere, has been organized by the Gallery to show the works of JULIO GONZALEZ, DAVID SMITH, MICHAEL STEINER, ANTHONY CARO, and TIM SCOTT.

#### Latitude 53 Gallery

*Until 4 October.* LES GRAFF "Landscapes." 10048 101A Avenue. Hours: 12 noon to 5 p.m. Tuesday to Saturday.

### GRADUATE SCHOLARSHIPS AND AWARDS

*Notices regarding other awards and scholarships are posted on the bulletin board in the rotunda of the Administration Building. All enquiries should be directed to L. HENDERSON, Administrator of Student Awards, 122 Administration Building, telephone 432-3495.*

#### SPECIAL MA SCHOLARSHIPS

Approximately 100 Special MA Scholarships are available to Canadian students of exceptional promise for studies at Canadian universities. Also, to commemorate the 1973 visit to Canada of Queen Elizabeth II, the Government of Canada has set up an endowment fund from which the revenue allows for three Queen's Fellowships. The recipients will be selected from among the Special MA Scholarship candidates who wish to pursue a Master's program in Canadian studies.

All candidates must first be nominated by a faculty member of a Canadian university. The competition is open to those nominees who at time of application: are in the final year of an Honors BA program or its equivalent at a Canadian university, or hold a BA Honors degree or its equivalent from a Canadian university and have not yet started a Master's program; or have first-class standing in their present or previous course of studies. Nominees must be Canadian citizens by January 1, 1975.

The awards are for \$4,500 plus travel allowance for the award holder only. The Queen's Fellowships also include tuition fees. The length of tenure is 12 months; the awards are not renewable. Students may suggest to a professor that they would like to be nominated, but it remains the professor's prerogative to agree or not. A professor must act as appraiser for the candidates he nominates.

Faculty members of Canadian universities who wish to nominate candidates for these awards must submit names to the Regional Chairman on the nomination letter provided for this purpose. They may obtain the nomination letters from L. HENDERSON, Administrator of Student Awards, 122 Administration Building, telephone 432-3495. Nomination letters from faculty members must reach the Regional Chairman by October 15, 1974. The Regional Chairman for the Prairie Provinces is DR. CARLYLE KING, Vice-Principal, University of Saskatchewan, Saskatoon, Saskatchewan.

### POSITIONS VACANT

#### NON-ACADEMIC STAFF

TECHNICIAN required BSc-RT or RT. Immunology/Rheumatology research laboratory, 432-6280 or 432-6282.

*Applicants are sought for the following positions. The Office of Personnel Services and Staff Relations (121 Administration Building) will provide further details to interested persons, who are not to approach directly the department advertising the vacancy.*

Clerk (\$346-\$441)—Office of the Comptroller; Personnel Services and Staff Relations  
Clerk Typist I (\$346-\$441)—Educational Administration; Botany  
Clerk Typist II (\$379-\$485)—Art and Design; Political Science; Household Economics; Business Administration and Commerce; Computing Services; Zoology; Pharmacy; School of Library Science  
Clerk Typist III (\$441-\$560)—Office of the Registrar  
Clerk Steno I (\$362-\$461)—Audiovisual Media Centre

Clerk Steno II (\$398-\$508)—Entomology; Animal Science  
Clerk Steno II (half-time) (\$180-\$230)—Mathematics  
Clerk Steno III (\$461-\$587)—Biochemistry; Agriculture and Forestry; Chemistry; Paediatrics; Mineral Engineering; Pharmacology  
Clerk Steno III (term) (\$461-\$587)—Radiation Control Committee  
Bookkeeper I (\$379-\$485)—Surgical Medical Research Institute; Drama  
Payroll Clerk I (\$379-\$485)—Office of the Comptroller  
Switchboard Operator (\$398-\$508)—Provincial Laboratory  
Administrative Clerk (\$560-\$715)—Medicine  
Dental Records Clerk (\$398-\$508)—Dentistry  
Library Clerk II (\$379-\$485)—Art and Design  
Timetable Scheduling Clerk (\$441-\$560)—Office of the Registrar  
Student Record Processing Clerk (\$485-\$617)—Office of the Registrar  
Senior Clerk (\$441-\$560)—Physical Plant  
Dental Assistant (\$419-\$534)—Dentistry  
Electronic Technician I (\$587-\$750)—Technical Services  
Programmer III (\$750-\$958)—Administrative Systems  
Laboratory Technician I (\$560-\$715)—Mechanical Engineering  
Applications Analyst (\$750-\$958)—Chemical Engineering  
Press Operator or Operator Trainee (salary dependent upon experience)—Duplicating  
Electron Microscope Technician I (\$560-\$715)—Anatomy  
Computer Operator I (\$587-\$750)—Computing Services  
Stockman I (\$441-\$560)—Bookstore  
Stockman II (\$534-\$682)—Bookstore; Central Stores  
Bindery Worker (Typographical Trainee) (\$379-\$485)—Duplicating  
Instrument Technician I (\$587-\$750)—Chemistry  
Equipment Assistant (\$508-\$648)—Physical Education  
Laboratory Assistant I (\$346-\$441)—Provincial Laboratory  
Laboratory Assistant III (\$485-\$617)—Botany  
Personnel Assistant (\$750-\$958)—Personnel Services and Staff Relations  
Technician I (\$560-\$715)—Mechanical Engineering  
Technician II (\$648-\$827)—Mineral Engineering  
Technologist I (\$648-\$827)—Physics  
Biology Technologist I (\$648-\$827)—Genetics (Food) Laboratory Assistant I (part-time, term) (\$346-\$441)—Household Economics  
Laboratory Assistant I (part-time) (\$346-\$441)—Microbiology  
Technical Assistant (\$485-\$617)—Pharmacology  
Analyst (\$958-\$1,222)—Computing Services  
Machinist Technician II (\$682-\$869)—Technical Services  
Electronics Technician II (\$682-\$869)—Pharmacology/Physiology  
Technologist (trust) (\$7,000-\$9,000 yearly)—Dentistry (Oral Biology)  
Animal Assistant (\$419-\$534)—Provincial Laboratory  
Laboratory Assistant I (trust) (\$346-\$441)—Surgical Medical Research Institute

#### OFF-CAMPUS POSITIONS

WORLD BANK GROUP  
SENIOR EDITOR

*Background and functions:* the senior editor will be assigned the External Relations group of departments where he will be responsible for quality control and co-ordination of economic and professional Bank publications. He will have an assistant and supporting staff. *Qualifications:* candidates may have a combination of backgrounds, ideally either a social scientist (preferably an economist) with experience of publishing, or an editor/publisher with knowledge of economics. Mother tongue must be English. A

university degree is necessary. Age preferably between 30 and 50 years. *Salary:* in the vicinity of (US) \$25,000 net of income tax, plus benefits. *Apply to:* HUGH W. SPRINGER, Secretary General, Association of Commonwealth Universities, 36 Gordon Square, London WC1H 0PF, England.

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## PERSONAL NOTICES

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*All advertisements must be received by 9 a.m. the Friday prior to publication. Rate is 10 cents per word for the first week, and 5 cents per word for subsequent weeks ordered before the next deadline. Minimum charge is \$1. ADS MUST BE PAID IN ADVANCE. We regret that no ads can be taken over the telephone. For order forms or further information, telephone 432-4991.*

### Accommodation available

**FOR RENT**—Bedroom in large house, shared facilities. Grad student(s) preferred. Carpet, fireplace, garage. Abstiners need not apply. \$90/month. 454-8103 evenings.

**FOR SALE**—University area; completely remodelled bungalow with self-contained suite in basement. Ideal revenue property. Single garage; many extras. Call Dale, 475-9806 or Dorothy, 435-2641. Country and Western Realty Ltd., 425-9915.

**FOR SALE**—Executive dream home: luxurious four-bedroom home nestled on large, professionally landscaped grounds. Home has many features, one of which is patio doors off family room. Also double front-drive garage. Call Dale, 475-9806 or Dorothy, 435-2641. Country and Western Realty Ltd., 425-9915.

**HILLSIDE PLAZA APARTMENT HOTEL**—Furnished accommodation monthly, weekly, or daily, with full kitchen, dishes, color TV, maid service, 24-hour phones and ample parking. 9730 106 Street, Edmonton; 429-3353.

**FOR SALE**—Swiss chalet, overlooking lake. Two bedrooms, lofts, balconies, fireplace, carpeted, new appliances, natural gas. Leased land. Days 424-7983, nights (1) 777-4608 (Mr. Dale).

**FOR SALE**—Three-bedroom semi-bungalow, 1,260 sq. ft., rugs throughout. Washer, dryer, and stove in basement stay. Close to University. Price \$39,900. Vendor will carry. Call Ernie Schenkel, 426-6525 or 439-7185 evenings.

**FOR SALE**—For further information on the following four properties phone Mrs. Proudfoot, Royal Trust 435-4869, residence 436-2556. (1) 3-bedroom bungalow, Belgravia, fully-developed basement, double garage; well-treed lot. \$54,500. Offers. (2) 3-bedroom bungalow, Holyrood, large view lot, fully-developed basement, single garage. \$48,500. Offers. (3) 4-bedroom split, 4 months old, St. Albert; 3 baths, family room, open-hearth fireplace, double garage, good mortgage. \$58,900. (4) 1-bedroom starter home, Jasper Place; excellent condition, large fenced lot, large single garage. \$21,900.

**HYDE PARK**—Priced to sell: 1,700 sq. ft. four-bedroom air-conditioned executive home in luxury highrise condominium. Two baths, six major appliances, heated garage. Superb recreation, spa, exercise, lounge, and outdoor facilities. 482-6802.

**FOR SALE**—11411 43 Avenue. Excellent southwest location—this four-bedroom, two-storey on a quiet street is close to schools, bus, and shopping. Home features extra large expertly landscaped lot. Family size kitchen has built-in china cabinets. Basement has fourth bedroom and rumpus room. Quick possession. Call Dan Makoweki 484-7126, residence 455-6479, Royal Trust, Real Estate Division.

**FOR RENT**—Three- four-bedroom bungalow. Fully furnished, all appliances, large yard. \$275/month. January 1975. 487-1104.

**FOR RENT**—Grandview, two-storey, four bedrooms, furnished, all appliances. Six months commencing January 1975. 433-8585 or 434-4857 evenings.

**FOR SALE**—Condominiums, three blocks to campus. \$23,900, low down payment or cash for clear title. Riviera Realty, telephone Anne Maly, business 433-2426, residence 439-8181.

**HOUSE FOR RENT**—Six-room house ground floor with two bedrooms and garage for rent in November or early December 1974. Rent \$160 per month plus one-half utilities. Basement suites with private entrance occupied by University students. Garage and new electric stove included. One-third block to bus stop. Address: 10821 75 Avenue, telephone John Lagasse, St. Paul, Alberta, (collect) 645-3936 or write.

**FOR SALE**—(1) View lot west of Riverbend on the river in Glamorgan Heights. (2) 40-acre parcel south of Lamont, 10 acres treed with a quiet stream running through, 30 acres hay. Clear title. Millie-Lynne McLean, Spencer Real Estate, 436-5250, 435-7896.

**FOR SALE**—Large executive four-bedroom bungalow on Saskatchewan Drive, 2½ baths, formal dining room, large living room and kitchen, utility room on main floor, attached garage heated. Two fireplaces, basement mostly finished. \$93,500. Telephone after 5 p.m. 435-5174.

**FOR SALE BY OWNER**—Two-storey, three bedrooms. Excellent location. Telephone Charlie, 432-1460. No agents please.

**FOR SALE BY OWNER**—Duggan, 1,220 square-foot bungalow, professionally landscaped, four bedrooms, three up, one down, 1½ baths, bay window, fireplace, built-in stove, maple cupboards, rumpus room with bar; 9¼% mortgage. Immaculate condition. 3627 109 Street. 435-4012.

### Accommodation wanted

**HELP!** Graduate student with other accommodation needs QUIET place to work (as office). Require study/sleeping room within two blocks of campus. Will pay well for the right place. Telephone 439-3287 after 7 p.m.

### Automobiles and accessories

**FOR SALE**—1973 Plymouth Satellite wagon, V-8, automatic, power brakes and steering, radio, block heater, two additional winter tires, excellent condition, regular maintenance, only 13,500 miles; \$5,100 list, price: \$4,000, 433-3533, evenings.

**FOR SALE**—1971 Volkswagen van. Runs great, good tires, excellent for camping, skiing. Phone D'Arcy, 432-5939 days, 434-2605 evenings.

### Goods and services

**THE CACTUS FLOWER HOUSE**, restocked with a wide variety of cacti, succulents, tropicals for interior planting, selected sales items. 9520 87 Street, 465-1111.

**TRAVEL AGENCY**—Edmonton's oldest agency has opened a branch in HUB to serve you. We are accredited agents for all airlines, so there is no charge for our services. Domestic or international. Try your own personal agency. Holiday Travel, HUB building, telephone 433-2494.

**SELF-HYPNOSIS SEMINAR**, 15 hours total. 1 to 6 each afternoon, September 28, September 29, and October 5. SUB Council Room (270). Instructor: Edward Baas, International Society for Professional Hypnosis. For registration and information call 488-8728.

**WANTED**—Babysitter, afternoons, one child, high salary. 434-5942.

**BRIDGE ANYONE?** Faculty couple looking for other couples interested in evening "bridge for fun;" 436-0571 evenings.

**TYPING DONE**—Fast, efficient service. Georgina Campbell, 489-4810 evenings.

**FOR SALE**—Solid mahogany chiffonier, 7 locking drawers, bevelled mirror, \$200; large hardwood glass-topped desk, 77" x 35", \$100; two 3-section oak bookcases, glass doors, \$40 each. 433-1757.

**PLUMBING**—FOR FREE ESTIMATES on basement bathrooms, repairs, alterations etc. call 465-7079 anytime.

**FOR SALE**—Pentax 6 x 7, 105mm, 200mm lenses, accessories: extension tubes, waist-level hand spotmeter, \$1,000; Minolta SRT 101, fisheye lens, \$400. 1-447-3194.

**THE SCHOOL OF THE ALLIANCE FRANCAISE** offers French courses at beginners, intermediate, and advanced levels. Salon de conversation française also. Registration now open. 435-6490, 435-4198.

**THINKING OF GOING AWAY FOR CHRISTMAS?** Whether to Europe for skiing, sun fun in Hawaii or Mexico, or visiting families in Canada or the US, reservations should be made now. It's never too early to book—but if you wait, it may be too late. Call IRIS ROSEN at 488-8181.

**MISCELLANEOUS** household goods, telephone 439-2235.

**FOR SALE**—Electric stove, good working condition, \$10 or best offer. Headboard for 39" bed, new, \$2. Telephone 434-1680 after 4 p.m.

**SALE**—Trillium trailer, 1974, hardly used, canopy unused, \$1,900. Telephone 432-3028 or 433-1378 evenings.

**HUB BEAUTY CENTRE**—Open Monday through Saturday, 11 a.m. to 6 p.m. Special on haircuts. HUB mail. 433-0240.

**FOR SALE**—Minox C automatic exposure miniature camera with case and chain. Closest offer to \$300. Call Frucht, 432-5394 or 488-5137.

**FOR SALE**—Four-seater sofa and chair, medium green. Excellent condition. \$200. Telephone 482-5179.

**NOW BOOKING HAY-SLEIGH RIDES**, bonfires available. Two miles west, one mile south of Ellerslie. Telephone 434-3835.

**QUALIFIED RESEARCHER AVAILABLE**—Experience includes questionnaire design, interviewing, scale construction, data analysis, and reporting. Full-time or part-time. Research interests in the behavioral area, medical education, psychology. Telephone 434-0492.

**FOR SALE**—Peugeot ten (10) speed deluxe, \$85. Daytime 432-3033, evenings 488-1776.

**FOR SALE**—Fresh Alberta lamb, cut, frozen, \$1.20/lb. 432-3414, evenings 1-777-3238.

**FOR SALE**—30" Viking range, white, rotisserie and meat probe, like new. Call Sheri at 432-5221, 479-2679.

**FOR SALE**—Office desk, grey metal with black composition top. 60 inches by 34 inches, drawers on both sides. \$125. 434-9772 or 434-7589.

**FOR SALE**—Kitchenaid portable dishwasher, antique washstand, gas stove. 434-8310.

**BRANCHING OUT** magazine new issue now on sale at all campus book outlets. Feature interview with SFU president, Pauline Jewett, plus University of Alberta writers Karen Lawrence, Helen Rosta, Beverly Ross; photography, dance, opinion, art, poetry, fiction, children's literature. Single copies \$1, six-issue subscription \$5 (1 year), twelve-issue subscription \$9.50. PO Box 4098, Edmonton T6E 4T1.

**FOR SALE**—Dresser, headboard, bunk beds, guns. Telephone 432-5043 or 435-5979 after 8:30 p.m.

**FITNESS IMPROVEMENT**—by testing, evaluation, consultation, appraisal of physical fitness. Individualized program design and computerized weekly feedback. For further information call FITEC Consultants, 434-7673. 308 11044 51 Avenue. Pleasantview Medical Building.

**CUSTOM DRESSMAKING** and designing. Telephone Jacqueline, 433-4870.

# The University of Alberta on the Air

CKUA 580 kc. - 98.1 mc.

## 1 October, Tuesday

6:45 p.m. Music hour—Duo Concertante for Cello and Piano, Eckhardt Gramatte; La Création du Monde, Milhaud; Appalachian Spring, Copland.

7:45 p.m. Radio talks—"Studio Theatre's new season" by DAVID LILES, Administrative Officer in the Department of Drama.

## 2 October, Wednesday

6:45 p.m. Music hour—String Quartet no. 15, op. 61, Schubert; Concertino no. 1 in G Major, Pergolesi.

7:45 p.m. Radio talks—"Ancient Egyptian mathematics" by HERB FREEDMAN, Associate Professor of Mathematics.

10:30 p.m. Panel discussions—moderated by JOHN FOSTER, Assistant Professor of History.

## 3 October, Thursday

6:45 p.m. Music hour—Symphony no. 2, Walton; Concerto for Two Pianos in E Major, Mendelssohn.

7:45 p.m. Radio talks—"Advertising—fact or fiction" by PETER LOWN, Associate Professor of Law.

## 4 October, Friday

6:45 p.m. Music hour—Mass in C Minor, Mozart.

7:45 p.m. Radio talks—"The poet's eye (1)" by BILL MEILEN, Associate Professor of Drama.

## 7 October, Monday

6:45 p.m. Music hour—*Rigoletto*, Verdi.

7:45 p.m. Radio talks—(The subject will be "Opera." Speaker to be announced.)

## 8 October, Tuesday

6:45 p.m. Music hour—Organ Concerto, Poulenc; Flute Quartet no. 2, Viotti; Rosamunde, Schubert.

7:45 p.m. Radio talks—"Theatre review" by JOHN BILSLAND, Professor of English.

## 9 October, Wednesday

6:45 p.m. Music hour—Serenade in B, K361, Mozart; Five Pieces for String Orchestra, Hindemith.

7:45 p.m. Radio talks—"The development of trigonometry" by HERB FREEDMAN, Associate Professor of Mathematics.

10:30 p.m. Panel discussions—moderated by JOHN FOSTER, Assistant Professor of History.

## 10 October, Thursday

6:45 p.m. Music hour—Symphony no. 5, Prokofiev; Concerto in E Minor for Oboe and String, Telemann.

7:45 p.m. Radio talks—"All my worldly goods" by PETER LOWN, Associate Professor of Law.

## 11 October, Friday

6:45 p.m. Music hour—Leopardi Fragments for Soprano, Contralto, and Chamber Orchestra, Peter Maxwell Davies; Young Person's Guide to the Orchestra, Britten; The Firebird Suite, Stravinsky.

7:45 p.m. Radio talks—"The poet's eye (2)" by BILL MEILEN, Associate Professor of Drama.

## 14 October, Monday

6:45 p.m. Music hour—*Zar Und Zimmermann* (highlights), Lortzing; *Der Waffenschmied* (highlights), Lortzing.

7:45 p.m. Radio talks—"The feminist as socialist" by WESLEY COOPER, Assistant Professor of Philosophy.

## 15 October, Tuesday

6:45 p.m. Music hour—Trio for Violin, Cello, and Piano. Anholt; Gaieté Parisienne, Offenbach.

7:45 p.m. Radio talks—"Some lesser Victorians" by JACK BILSLAND, Professor of English.

## 16 October, Wednesday

6:45 p.m. Music hour—Trio in B-flat op. 97, "Archduke," Beethoven; S. Quartet no. 2, op. 20, Fricken.

7:45 p.m. Radio talks—"Saliva—the mouth watering fluid" by G. H. SPERBER, Professor of Dentistry.

10:30 p.m. Panel discussions—moderated by JOHN FOSTER, Assistant Professor of History.

## 17 October, Thursday

6:45 p.m. Music hour—Symphony no. 4, Mahler.

7:45 p.m. Radio talks—"Adult fantasy" by C. GORDON-CRAIG, Assistant Professor of English.

## 18 October, Friday

6:45 p.m. Music hour—Four Motets for a Time of Penitence, Poulenc; *Peter and the Wolf*, Prokofiev; *Damnation of Faust* (excerpts), Berlioz.

7:45 p.m. Radio talks—"The poet's eye (3)" by BILL MEILEN, Associate Professor of Drama.

## 21 October, Monday

6:45 p.m. Music hour—*The Bartered Bride* (highlights), Smetana; *Das Rheingold* (highlights), Wagner.

7:45 p.m. Radio talks—"The new Victorians" by FARRELL CHRISTENSEN, Assistant Professor of Philosophy.

## 22 October, Tuesday

6:45 p.m. Music hour—Elegiac Variations for Cello and Piano, Tavey; A Midsummer Night's Dream, Mendelssohn; Fugue in A-flat Minor, Brahms.

7:45 p.m. Radio talks—"Prize winning play for the Drama Department" by DAVID LILES, Administrative Officer in the Department of Drama.

## 23 October, Wednesday

6:45 p.m. Music hour—Quartet in D Minor (Death and the Maiden), Schubert; Concerto Grosso in D Minor, Vivaldi; Five Pieces for Strings, op. 5, Weburn.

7:45 p.m. Radio talks—"Toothy tusks" by G.H. SPERBER, Professor of Dentistry.

10:30 p.m. Panel discussions—Moderated by JOHN FOSTER, Assistant Professor of History.

## 24 October, Thursday

6:45 p.m. Music hour—Harold in Italy, Berlioz; Flute Concerto in A Minor, J.S. Bach.

7:45 p.m. Radio talks—"Manuscripts and Shakespeare" by C. GORDON-CRAIG, Assistant Professor of English.

## 25 October, Friday

6:45 p.m. Music hour—Welcome to All Pleasures, Purcell; Nutcracker Suite, op. 71a, Tchaikovsky; Le Tombeau de Couperin, Ravel.

7:45 p.m. Radio talks—"The poet's eye (4)" by BILL MEILEN, Associate Professor of Drama.

## 28 October, Monday

6:45 p.m. Music hour—*Andrea Chénier* (highlights), Giordano.

7:45 p.m. Radio talks—"The poetry of Robinson Jeffers" by MORT ROSS, Associate Professor of English.

## 29 October, Tuesday

6:45 p.m. Music hour—Trio for Violin, Cello, and Piano, Contant; Organ Sonata no. 1 in G Major, Elgan; Harpsichord Suite no. 1, Handel.

7:45 p.m. Radio talks—"Kipling for kicks" by C. GORDON-CRAIG, Assistant Professor of English.

## 30 October, Wednesday

6:45 p.m. Music hour—Quartet in C, op. 61, Dvorak; Flute Sonata, Poulenc; Divertimento in F, K253, Mozart.

7:45 p.m. Radio talks—"Anatomy—a dissection" by G.H. SPERBER, Professor of Dentistry.

10:30 p.m. Panel discussions—Moderated by JOHN FOSTER, Assistant Professor of History.

## 31 October, Thursday

6:45 p.m. Music hour—Symphony no. 5, Shostakovich; Violin Concerto in A Minor, J.S. Bach.

7:45 p.m. Radio talks—"Ancient myths and modern science" by DEREK WILSON, Associate Professor of Elementary Education, Geology, and History.